

Attorney Docket No. 108298529  
Disclosure No. 99-1289

**Amendments to the Claims:**

Please cancel claims 1, 3, 9, 13, 18, 23 and 27-34 without prejudice to pursuing these claims in a continuation, divisional, continuation, continuation-in-part, or other application. Please amend claims 2, 4-7, 10-12, 19, 21, 22 and 26, and please add new claims 73-83 as follows:

1. (Cancelled)

2. (Currently Amended) The vessel of claim 474 wherein the background material includes a paint layer, further wherein the first surface of the background material is defined by a first surface of the paint layer and the second surface of the background material is defined by the second surface of the paint layer.

3. (Cancelled)

4. (Currently Amended) The vessel of claim 474 wherein the base portion, the wall portion and the interface region are integrally formed with each other.

5. (Currently Amended) The vessel of claim 474, wherein the base portion and the wall portion each have an inner surface defining the interior region and an outer surface defining the exterior region with the first surface of the background material disposed adjacent to the outer surface of the wall portion and/or the interface region, and further wherein the vessel further comprises a protective layer adjacent to the second surface of the background material.

6. (Currently Amended) The vessel of claim 474 wherein the background material has a single hue.

7. (Currently Amended) The vessel of claim 474 wherein the background material is opaque.

Attorney Docket No. 108298529  
Disclosure No. 99-1289

8. (Withdrawn) The vessel of claim 1 wherein a first portion of the background material has a first hue and a second portion of the background material has a second hue different than the first hue.

9. (Cancelled)

10. (Currently Amended) The vessel of claim 174 wherein at least a portion of the background material is white.

11. (Currently Amended) The vessel of claim 174 wherein at least a portion of the background material is black.

12. (Currently Amended) The vessel of claim 174 wherein the background material covers at least approximately the entire base portion.

13. (Cancelled)

14. (Withdrawn) The vessel of claim 1 wherein the background material includes a flexible sheet adhesively bonded to the base portion and/or the wall portion.

15. (Withdrawn) The vessel of claim 1 wherein the background material includes an elongated strip.

16. (Withdrawn) The vessel of claim 1 wherein a perimeter of the background material on the wall portion has an elliptical shape.

17. (Withdrawn) The vessel of claim 1 wherein the base portion has a generally circular shape and the wall portion has a generally conical lower portion and a generally cylindrical upper portion.

Attorney Docket No. 108298529  
Disclosure No. 99-1289

18. (Cancelled)

19. (Currently Amended) The vessel of claim 18 wherein the background material has a single hue.

20. (Withdrawn) The vessel of claim 18 wherein a first portion of the background material has a first hue and a second portion of the background material has a second hue different than the first hue.

21. (Currently Amended) The vessel of claim 18 wherein at least a portion of the background material is white.

22. (Currently Amended) The vessel of claim 18 wherein the background material covers at least approximately the entire base portion.

23. (Cancelled)

24. (Withdrawn) The vessel of claim 18 wherein the background material includes a flexible sheet adhesively bonded to the base portion and/or the wall portion.

25. (Withdrawn) The vessel of claim 18 wherein the background material includes an elongated strip.

26. (Currently Amended) The vessel of claim 18 wherein the base portion has a generally circular shape and the wall portion has a generally conical lower part adjacent to the base portion and a generally cylindrical upper part adjacent to the lower part.

Attorney Docket No. 108298529  
Disclosure No. 99-1299

27-72. (Cancelled)

73. (New) A vessel for observing a chemical substance, comprising:  
a base portion having an outer surface and an inner surface;  
an optically transmissive wall portion projecting away from the base portion and  
having an inner surface, an outer surface, a first region, and a second  
region opposite the first region, the outer surfaces of the base portion and  
the wall portion defining an exterior region, the inner surfaces of the base  
portion and the wall portion defining an interior region, the interior region  
being configured to contain the chemical substance and having an  
opening configured to removably receive the chemical substance; and  
a background material having a first surface facing toward the interior region and  
a second surface facing away from the first surface, the background  
material being positioned between the inner and outer surfaces of the  
base portion and the wall portion, the background material being  
configured so that the entire first surface of the background material in the  
base portion and in the first region of the wall portion is visible through  
the second region of the wall portion from the exterior region, wherein the  
second region of the wall portion is optically transmissive and does not  
contain a portion of the background material between the opening and the  
base portion.

74. (New) A vessel for observing a chemical substance, comprising:  
a base portion having an outer surface and an inner surface;  
an optically transmissive wall portion projecting away from the base portion and  
having an inner surface, an outer surface, a first region, and a second  
region opposite the first region, the outer surfaces of the base portion and  
the wall portion defining an exterior region, the inner surfaces of the base  
portion and the wall portion defining an interior region, the interior region

Attorney Docket No. 108298529  
Disclosure No. 99-1289

being configured to contain the chemical substance and having an opening configured to removably receive the chemical substance; and a background material having a first surface facing toward the interior region and a second surface facing away from the first surface, the background material being positioned between the inner and outer surfaces of the base portion and the wall portion, the background material being configured so that at least approximately the entire first surface of the background material in the base portion and in the first region of the wall portion is visible through the second region of the wall portion from the exterior region.

75. (New) A vessel for observing a chemical substance, comprising:  
a base portion having an outer surface and an inner surface;  
an optically transmissive wall portion projecting away from the base portion and having an inner surface, an outer surface, a first region, and a second region opposite the first region, the outer surfaces of the base portion and the wall portion defining an exterior region, the inner surfaces of the base portion and the wall portion defining an interior region, the interior region being configured to contain the chemical substance and having an opening configured to removably receive the chemical substance; and  
a background material having a first surface facing toward the interior region and a second surface facing away from the first surface, the background material being positioned between the inner and outer surfaces of the base portion and the wall portion, the background material being positioned in the first region at a first distance spaced apart from the base portion and being absent from the second region at a second distance spaced apart from the base portion, the second distance being at least approximately equal to the first distance.

Attorney Docket No. 108298529  
Disclosure No. 99-1289

76. (New) The vessel of claim 75 wherein the background material includes a paint layer, and wherein the first surface of the background material is defined by a first surface of the paint layer and the second surface of the background material is defined by the second surface of the paint layer.

77. (New) The vessel of claim 75 wherein the base portion, the wall portion, and the interface region are integrally formed with each other.

78. (New) The vessel of claim 75, further comprising a protective layer adjacent to the second surface of the background material.

79. (New) The vessel of claim 75 wherein the background material has a single hue.

80. (New) The vessel of claim 75 wherein the background material is opaque.

81. (New) The vessel of claim 75 wherein at least a portion of the background material is white.

82. (New) The vessel of claim 75 wherein at least a portion of the background material is black.

83. (New) The vessel of claim 75 wherein the background material covers at least approximately the entire base portion.